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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: MCP-0141
Inventors: Halpern and England
Serial No.: 09/744,406
Filing Date: January 22, 2001
Examiner: C. H. Yaen
Group Art Unit: 1642
Title: Allogeneic Cellular Immunogens
Useful as Cancer Vaccines

TECH CENTER 1600/2900

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U.S. Patent & Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

POWER OF ATTORNEY WITH REVOCATION

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignee of the entire interest in the above-identified application, hereby appoints Licata & Tyrrell P.C., Jane Massey Licata, Registration No. 32,257, Kathleen A. Tyrrell, Registration No. 38,350, Laura Plunkett, Registration No. 45,015, and, Bridget C. Sciamanna, Registration No. 47,333, of Marlton, New Jersey, as attorney, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Send all future correspondence and address all telephone calls
to:

Kathleen A. Tyrrell, Esquire
Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053
Phone: (856) 810-1515
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Respectfully submitted,



Philadelphia Health and Education Corp.

Name: A.K. RASTOGI

Title: Vice President & Vice President

Date: Feb 19, 2003

A. K. Rastogi

Signature

Feb 19, 2003

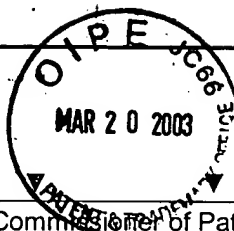
Date

A. K. RASTOGI

Typed or printed name

Vice Provost & Vice President

Title



RECORDATION FORM COVER SHEET

et No.: 7933-38 and 7933-38 PC

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael S. Halpern
James M. England

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Allegheny University Of The Health Sciences

Address: Broad and Vine Streets

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TECH CENTER 1600/2900

City: Philadelphia

State/Prov.: PA

Country: US

ZIP: 19102-1192

Execution Date: 8/28/1998 and 8/20/1998

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Filing date

B. Patent No.(s)

PCT/US99/15594

July 8, 1999

09/744,406

January 22, 2001

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Daniel A. Monaco

Registration No. 30,480

Address: Two Penn Center, Suite 1800

City: Philadlephia

State/Prov.: PA

Country: US

ZIP: 19102

6. Total number of applications and patents involved:

2

7. Total fee (37 CFR 3.41):.....\$ 80.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:



19-1135

23973

PATENT TRADEMARK OFFICE

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Daniel A. Monaco

Name of Person Signing

Signature

3-13-01

Date

ASSIGNMENT

WHEREAS, we, **Michael S. Halpern and James M. England**, respectively, citizens of the United States, with respective post office addresses of 66 Taft Avenue, West Newton, Massachusetts 02465 and 644 West Rosetree Road, Media, Pennsylvania 19063, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

ALLOGENEIC CELLULAR IMMUNOGENS USEFUL AS CANCER VACCINES

for which we have filed a Provisional patent application (37 U.S.C. §111(b)) on July 24, 1998.

WHEREAS, Allegheny University of the Health Sciences, a corporation having a place of business at Broad and Vine Streets, Philadelphia, Pennsylvania 19102-1192, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said Provisional application,

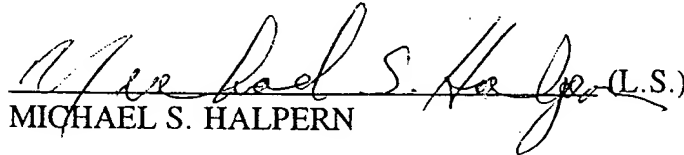
WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign his entire right, title and interest therein to ASSIGNEE.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above Provisional application, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above Provisional application and any and all United States Letters Patent which may be granted on regularly filed applications under 35 U.S.C. §111(a) for Letters Patent which claim priority from said application; and all United States and foreign Letters Patent which may be granted on said invention including divisions, reissues and continuations;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

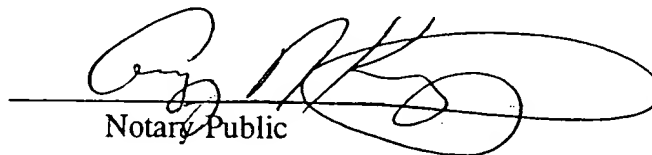
 (L.S.)
MICHAEL S. HALPERN

 (L.S.)
JAMES M. ENGLAND

State of Massachusetts

County of : ^{SS} *Middlesex*

Before me, a notary public, in and for the State and County aforesaid, on this ^{28th} day of *August*, 1998 personally appeared **Michael S. Halpern** who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.


Notary Public

Commonwealth of Pennsylvania:

ss

County of :

Before me, a notary public, in and for the State and County aforesaid, on this ^{20th} day of *August*, 1998 personally appeared **James M. England** who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Carmen L. Román-White
Notary Public

Notarial Seal
Carmen L. Román-White, Notary Public
Philadelphia, Philadelphia County
My Commission Expires May 10, 1999